

## ABSTRACT OF THE DISCLOSURE

A system for collecting, storing, and reviewing data related to events occurring under the direction of an automated controller includes a digital signal capture card for sensing and collecting discrete digital signals, a multi-port serial port expansion card for sensing and collecting serial digital communication messages, a video frame grabber and compression card for sensing and collecting video signals, a device for indexing and storing the digital and video signals, and for relating occurrence of a particular item of a particular data type, whether digital, serial or video, to the most closely time-related data item from the other data types, and a display for control of the system and presentation of recorded data to a user during review.